



60 Cell Poly  
265-285W(5BB)

BVM6610P

0~+5W  
Power Tolerance

17.5%  
Maximum Efficiency

265-285W  
Power Output Range



#### High Quality and Reliable Modules

- ◆ Withstand up to 5400 Pa snow load and 2400 Pa wind load
- ◆ 1000/1500V DC TUV certified
- ◆ 2 EL inspections per cell/module for defect-free consistency
- ◆ Fire Rating Class C by TUV Rheinland
- ◆ High salt and ammonia resistance certified by TUV Rheinland
- ◆ 0-+5 W guaranteed positive tolerance
- ◆ Rugged design for long-term durability; passed extended reliability tests



#### Warranty

- ◆ 12-year product warranty
- ◆ 25-year linear power output warranty



#### Comprehensive Certificates for Products and Management

- ◆ UL 1703, IEC 61215, IEC 61730, CEC listed, MCS and CE
- ◆ ISO 9001 for Quality Management Systems
- ◆ ISO 14001 for Environmental Management Systems
- ◆ ISO 18001 Occupational Health and Safety System

1640 x 992 x 40 mm

Silver Frame / White Backsheet



Boviet Solar [www.boviet.com](http://www.boviet.com)

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### Electrical Characteristics STC

	BVM6610P-265	BVM6610P-270	BVM6610P-275	BVM6610P-280	BVM6610P-285
Maximum Power (Pmax)	265W	270W	275W	280W	285W
Maximum Power Current (Imp)	8.61A	8.71A	8.82A	8.92A	9.02A
Maximum Power Voltage (Vmp)	30.8V	31.0V	31.2V	31.4V	31.6V
Short Circuit Current (Isc)	9.07A	9.16A	9.25A	9.34A	9.45A
Open Circuit Voltage (Voc)	38.1V	38.3V	38.5V	38.7V	39.0V
Module Efficiency	16.3%	16.6%	16.9%	17.2%	17.5%
Power Tolerance	0~+5W	0~+5W	0~+5W	0~+5W	0~+5W
STC: AM1.5, Irradiance 1000W/m <sup>2</sup> , 25°C					

### Electrical Characteristics NOCT

	BVM6610P-265	BVM6610P-270	BVM6610P-275	BVM6610P-280	BVM6610P-285
Maximum Power (Pmax)	197W	201W	205W	208W	212W
Maximum Power Current (Imp)	6.85A	6.93A	7.02A	7.10A	7.18A
Maximum Power Voltage (Vmp)	28.8V	29.0V	29.2V	29.4V	29.6V
Short Circuit Current (Isc)	7.25A	7.32A	7.39A	7.46A	7.55A
Open Circuit Voltage (Voc)	35.7V	36.0V	36.2V	36.4V	36.7V
NOCT: AM1.5, Irradiance 800W/m <sup>2</sup> , 20°C, Wind speed 1m/s					

### Mechanical Characteristics

### Thermal Characteristics

Solar Cell	Polycrystalline 156.75x156.75mm, 60 (6 x 10) pcs in series	Pmax Temperature Coefficient	-0.41%/K
Glass	High transparency, low iron, tempered glass 3.2 mm	Voc Temperature Coefficient	-0.31%/K
Frame	Anodized aluminum alloy	Isc Temperature Coefficient	+0.05%/K
Junction Box	IP67 rated, with 3 bypass diode	NOCT	45±2°C
Output Cable	4 mm <sup>2</sup> (EU)/900/1000 mm long		
Connector	MC4 compatible		
Dimension	1640x992x40 mm		
Weight	18.5KG		

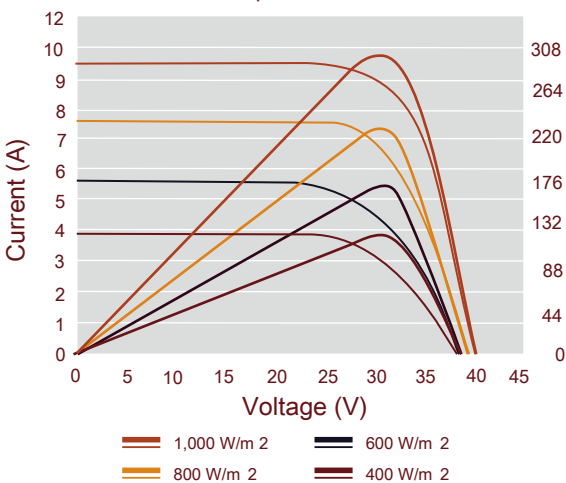
### Maximum Ratings

### Packing Information

Operating Temperature	-40~85°C	Pieces per pallet	26
Maximum Series Fuse Rating	15A	Pallets per container (40HQ)	28
Maximum System Voltage	1000/1500V DC	Pieces per container (40HQ)	728
		Pallet weight/size	534KG/1690*1130*1135mm

Specifications in this datasheet are subject to change without prior notice.

I-V Curves at Different Irradiances (285W)  
Test Temperature: 25°C



Irradiance: AM 1.5, 1,000W/m<sup>2</sup> (285W)

